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**PROPOSED AMENDED CONSENT DECREE
REQUIREMENTS FOR NEWLY DETERMINED
WASTE**

01/24/92

**DOE-727-92
DOE-FO/OEPA
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LETTER**



Department of Energy
Fernald Environmental Management Project
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JAN 24 1992
DOE-727-92

Mr. Paul Pardi, Group Leader
Solid & Hazardous Waste Management Unit
Ohio Environmental Protection Agency
40 South Main Street
Dayton, Ohio 45402

Dear Mr. Pardi:

PROPOSED AMENDED CONSENT DECREE REQUIREMENTS FOR NEWLY DETERMINED WASTE

Reference: DOE letter, R. E. Tiller to D. R. Schregardus, "Completion of Sampling and Analysis of 8000 Drums Not Affected by the Hazardous Waste Management Unit Review," dated November 26, 1991

In accordance with Section 3.12 of the proposed Amended Consent Decree, the Fernald Environmental Management Project (FEMP) is required to submit to the Ohio Environmental Protection Agency (OEPA) a Compliance Schedule which addresses the proper management of newly determined waste streams. The Compliance Schedule must be submitted to the OEPA within sixty (60) days from the date a report identifying additional hazardous wastes is submitted. On November 26, 1991, the FEMP reported to the OEPA determinations which declared additional waste streams to be hazardous. The determinations were based on sampling and analysis of the 8,000 drums affected by the Hazardous Waste Management Unit (HWMU) Review. Enclosed is a Compliance Schedule establishing a timetable for implementation of the hazardous waste requirements for these newly determined wastes.

The November 26, 1991, submittal indicated that thirty-four (34) waste streams were identified as Resource Conservation and Recovery Act (RCRA) hazardous waste. The waste streams identified by the report are attached to the Compliance Schedule. No new HWMUs are identified in the report. However, HWMU determinations are ongoing. Therefore, the schedule does not address requirements for HWMUs. This submittal addresses only the newly determined wastes.

If you or your staff have any questions, please contact David Rast at (513) 738-6322.

Sincerely,

2694

R. E. Tiller
R. E. Tiller
Manager

FO:Rast

Enclosure: As Stated

cc w/enc.:

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COMPLIANCE SCHEDULE FOR
8,000 NOT AFFECTED BY HWMUR DRUM POPULATION
DETERMINED TO BE HAZARDOUS BY SAMPLING AND ANALYSIS

INTRODUCTION

Section 3.12 of the Proposed Amended Consent Decree (PACD) for Civil Action No. C-1-86-0217 requires that within sixty days of the date of any report which determines additional hazardous waste at the FEMP, DOE shall submit a schedule to Ohio EPA for approval setting forth a timetable within which hazardous waste requirements shall be implemented.

On November 26, 1991, DOE reported that the waste streams identified by the attached list are determined to be hazardous waste and are subject to the requirements of Section 3.12 and Section 3.8 of the PACD.

SCHEDULE

Hazardous waste requirements applicable to the 8,000 not affected by HWMUR drum population will be implemented as follows.

1. Section 3.8(b) of the PACD requires that any of the 8,000 not affected by HWMUR drum population determined to be hazardous be removed from the Plant 1 Pad. Until such drums are removed from the pad, the requirements of Section 3.8 must be maintained.

The containers from the 8,000 not affected by HWMUR drum population determined to be hazardous waste will be placed into a RCRA storage facility at the FEMP as identified in the October 31, 1991 Part A Permit Application or if sufficient storage space does not exist will be stored on the Plant 1 Pad in accordance with Section 3.5.1(f) of the PACD.

COMPLETION DATE: January 24, 1992

For the containers from the 8,000 not affected by HWMUR drum population determined to be hazardous waste, the following conditions will apply until the waste is moved until the waste is placed into an approved storage facility.

- 1.1 Maintain adequate aisle space as required by the FEMP drum management plan for the storage area where the wastes are stored as required by OAC 3745-65-35.

COMPLETION DATE: January 24, 1992

- 1.2 Perform daily leakage inspections on all containers of hazardous waste, and weekly inspections in accordance with OAC 3745-65-15 and 3745-66-74.

COMPLETION DATE: January 24, 1992

- 1.3 Storage of waste to be in compliance with proper segregation based on compatibility.

COMPLETION DATE: January 24, 1992

2. Update the facility operating record to indicate the location and date of storage of the containers from the 8,000 not affected by HWMUR drum population determined to be hazardous waste.

Include the following information in the operating record:

- Distribution and quantity of each waste.
- Results of waste analysis.

COMPLETION DATE: March 27, 1992

3. Mark the containers from the 8,000 not affected by HWMUR drum population determined to be hazardous per RCRA requirements (e.g. accumulation date, ID codes). Record the information placed on each container in the written operating record.

COMPLETION DATE: February 21, 1992

4. Any additional containers identified to be hazardous waste based on the characterization data from the 8,000 not affected by HWMUR drum population will meet the requirements of items 1 through 3 within 60 days of identification.

COMPLETION DATE: As required.

5. Update table C-1 of the FEMP Waste Analysis Plan to include the new waste streams from the 8,000 not affected by HWMUR drum population determined to be hazardous.

COMPLETION DATE: February 7, 1992

6. As required in Section 3.11 of the Proposed Amended Consent Decree, revise the Part A Permit Application to include waste streams from the 8,000 not affected by HWMUR drum population determined to be hazardous.

COMPLETION DATE: May 1, 1992

7. Perform a hazardous waste management unit review on the Plant 8 Box Furnace Pad to determine if hazardous waste stored in the area longer than 90 days.

COMPLETION DATE: March 27, 1992

| Material/ Source | Description | EPA ID No. | Location ¹ |
|---------------------|---------------------------------------|--|--------------------------------|
| 011-530 | Contaminated rocks, soil, etc. | D004, D008, D011 | Plant 1 Pad |
| 013-YAQ | Contaminated solvent | F001, F003, F005, D001, D019, D022, D028, D029, D035, D039, D040 | KC-2 |
| 068-VXB | Wet sump or filter cake, oil contd | F002 | Bldg 79 Bldg 81 |
| 068-HXA | Wet sump or filter cake, oil contd | D011 | Plant 1 Pad Bldg 79, 80, 81 |
| 068-HXA | Wet sump or filter cake, oil contd | D002, D007 | Plant 1 Pad Bldg 79 |
| 066-643 | Scrap salts, low fluoride | D007 | Plant 1 Pad |
| 015-137 | Contaminated oil, insoluble | F001, D019, D029, D039, D040 | Bldg 79 |
| 065-FYC | Scrap salts, high fluoride | D007, D008 | Plant 1 Pad Plant 8 Box Pad |
| 062-732 | Dust collector residues, High F | D004, D011 | Plant 1 Pad |
| 015-351 | Contaminated oil, insoluble | F001, D039, D040 | Bldg 79 |
| 015-100 | Contaminated oil, insoluble | F002, D018, D019, D028, D029, D039, D040 | Bldg 79 |
| 001-620 | Discard process residues, etc. | D008 | Bldg 79 |

Building 79 - Plant 6 Warehouse
 Building 80 - Plant 8 Warehouse
 Building 81 - Plant 9 Warehouse

2 Location of drums prior to October 30, 1991

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| Material/ Source | Description | EPA ID No. | Location ¹ |
|---------------------|------------------------------------|---|----------------------------|
| 062-332 | Dust collector residues, High F | D007 | Plant 1 Pad |
| 066-660 | Scrap salts, low fluoride | F001 | Plant 1 Pad |
| 001-900 | Discard process residues, etc. | D029 | Plant 1 Pad |
| 015-301 | Contaminated oil, insoluble | F002, F005, D006, D008, D018, D019, D028, D029, D039, D040 | Bldg 79 |
| 047-FTA | Samples, non-metallic, misc. | D005 | Plant 1 Pad Bldg 79, 80 |
| 022-732 | Contaminated TBP & Kerosene | F002, D019, D022, D039 | KC-2 |
| 022-732 | Contaminated TBP & Kerosene | F002, F003, D001, D019, D022, D039 | KC-2 |
| 047-731 | Samples, non-metallic, misc. | D007 | Plant 1 Pad |
| 066-610 | Scrap salts, low fluoride | D004, D008 | Plant 1 Pad |
| 001-731 | Discard process residues, etc. | F005 | Plant 1 Pad |
| 011-430 | Contaminated rocks, soil, etc. | D007, D011 | Plant 1 Pad |
| 013-530 | Contaminated solvent | F001, F005, D019, D022, D028, D029, D039 | KC-2 |

¹ Building 79 - Plant 6 Warehouse
 Building 80 - Plant 8 Warehouse
 Building 81 - Plant 9 Warehouse

² Location of drums prior to October 30, 1991

| Material/ Source | Description | EPA ID No. | Location ¹ |
|---------------------|------------------------------------|------------------|--------------------------------|
| 015-300 | Contaminated oil, insoluble | F002, D029, D039 | Bldg 79 |
| 062-101 | Dust collector residues, High F | D006, D008 | Plant 1 Pad |
| 027-300 | Contaminated burnables | F001, F005 | Plant 1 Pad |
| 027-310 | Contaminated burnables | F001, D008, D011 | Plant 1 Pad |
| 027-HXA | Contaminated burnables | F002, F005, D011 | Plant 1 Pad Plant 8 Box Pad |
| 003-300 | Contaminated non-burnables | D011 | Plant 1 Pad |
| 028-600 | Contaminated non-burnables | D008 | Bldg 79, 80 |
| 029-101 | Dust Collector Bags | D004, D006, D008 | Plant 1 Pad |
| 027-620 | Contaminated burnables | F001 | Plant 1 Pad |
| 029-900 | Dust collector bags | D007 | Plant 1 Pad |
| | | | |

¹ Building 79 - Plant 6 Warehouse
 Building 80 - Plant 8 Warehouse
 Building 81 - Plant 9 Warehouse

² Location of drums prior to October 30, 1991